

User Manual

For

Pharmacy Management & Medicine Checker

Team Name: Web Warriors

Team Members

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1. Introduction

The Pharmacy Management System is a **web-based website** designed to help pharmacy staff manage medicine inventory, sales, suppliers, employees, and generate reports.

It also allows **public users** to search for medicines and check availability without registration.

This manual explains:

- How to deploy and access the system
 - Main features for users
 - A walkthrough of using the system with screenshots
-

2. System Requirements & Installation/Deployment Steps

2.1 Technical Specifications

Server Requirements (for deployment)

- OS: Windows 11
- Web server: Apache or Nginx
- Database: MySQL or any relational database
- RAM: 4 GB minimum
- Disk space: 500 MB minimum
- Browser: Google Chrome, Firefox, Edge

Client Requirements

- Any standard PC with modern web browser
- Internet or local network access to the server

2.2 Installation / Deployment Steps

1. **Download the system files** from the project folder.
2. **Set up the database**
 - Open MySQL Workbench or phpMyAdmin
 - Create a new database.

- Import the provided SQL script to create tables
- 3. **Configure the system**
 - Edit the configuration file.
 - Set database host, username, password, database name
- 4. **Deploy the website**
 - Copy system files to your web server directory.
 - Start the web server.
- 5. **Access the system**
 - Open browser and Run the Project.
- 6. **Login**
 - Use default admin credentials (provided in project notes)
 - Change password immediately for security.
 - You can Send it to the People that you who to check the available Medicines.

3. Main Features for Users

3.1 For Employees

- **Inventory Management:** Add, edit, and track medicines; get alerts for low stock or near-expiry items
- **Sales & Billing:** Search for medicines, create invoices, automatically deduct stock
- **Employee Management:** Admin can add and manage employees with roles and permissions
- **Supplier Management:** Track suppliers and link medicines to suppliers
- **Reporting:** Generate sales, inventory, and employee activity reports

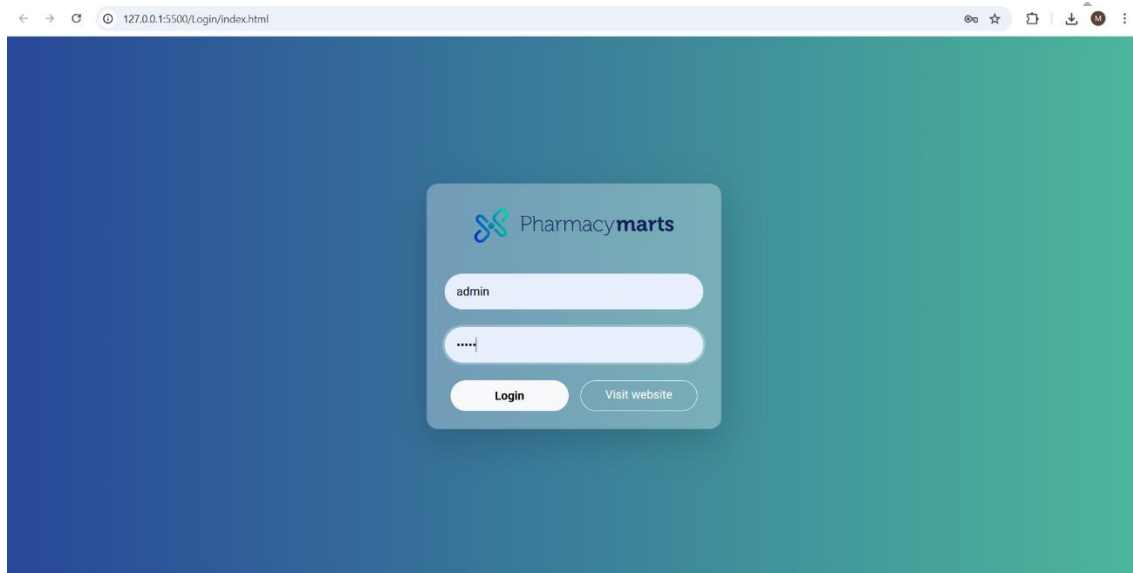
3.2 For Public Users

- **Medicine Search:** Search medicines by name or category, check availability and price
- **No login required**, and no personal data is stored

4. Walkthrough of Main Scenario – Selling a Medicine

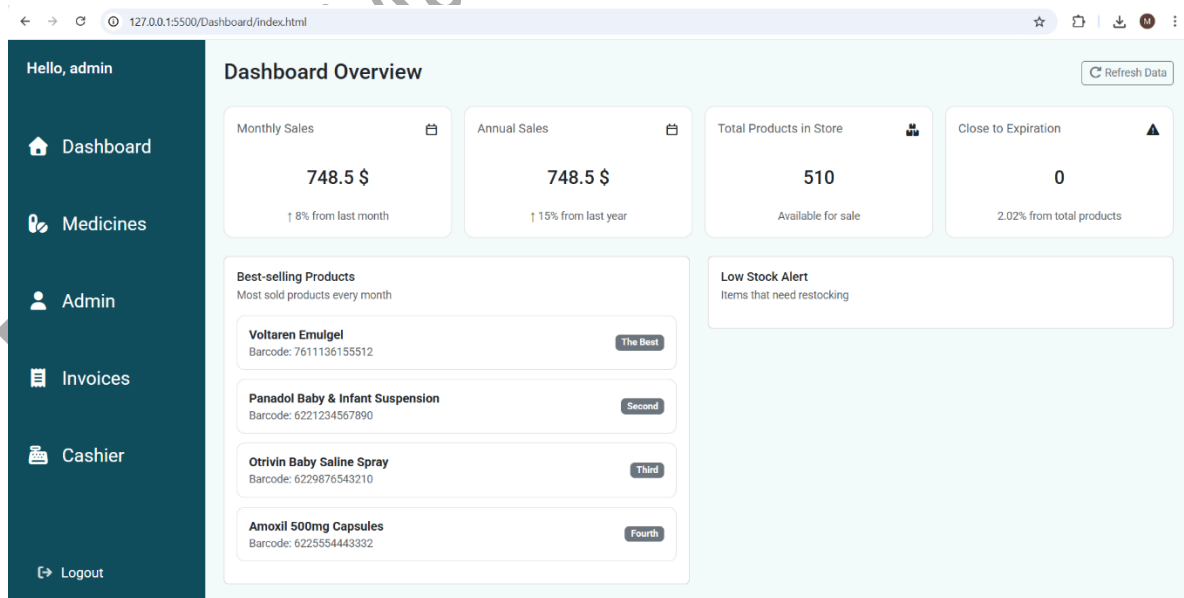
Step 1: Login

- Enter your username and password
- Click **Login**.



Step 2: Access Sales & Billing Module

- From the dashboard, click **Sales & Billing**



Step 3: Search for Medicine

- Type the medicine name in the search box
- Select the medicine from the search results

***For the Admin Side:

The screenshot shows the Admin Side of the application. The browser address bar displays `127.0.0.1:5500/Medicine/index.html`. The interface features a dark teal sidebar on the left with the following menu items: "Hello, admin", "Dashboard", "Medicines", "Admin", "Invoices", "Cashier", and "Logout". The main content area is titled "Medicine" and includes a search bar with the text "panadol" and a "Search" button. To the right of the search bar is an "Add Medicine" button. Below the search bar is a table with the following data:

Barcode	Medicine name	Quantity	Action
6221234567890	Panadol Baby & Infant Suspension	100	Edit Delete

***For the Customer Side:

The screenshot shows the Customer Side of the application. The browser address bar displays `127.0.0.1:5500/User/productSec.html`. The interface features a header with the "Pharmacymarts" logo, navigation links for "Home", "Categories", and "Services", and a "Contact us" button. Below the header is a "Products" section with a search bar containing the text "otrivin". A product card for "Otrivin Baby Saline Spray" is displayed, showing a price of "12\$". At the bottom of the page, there is a pagination control showing "1 2 3".

Step 4: Add Medicine to Invoice

- Search for the Sold Medicine.
- Input the quantity.
- Click **Add**.
- Repeat for multiple medicines if needed

The screenshot shows a web browser window with the URL `127.0.0.1:5500/Cashier/index.html`. The interface has a search bar with the text 'pa' and a 'Search' button. Below the search bar, a product card for 'Panadol Baby & Infant Suspension' is displayed with a price of 15.5\$. An 'Add' button is visible on the card. On the right side, there is a 'Current Order' section. At the bottom right, a summary box shows 'Total: 150 EGP', 'Cash in: [input field]', 'Change: 0 EGP', and buttons for 'Check Out' and 'Cancel'.

The screenshot shows the same web browser window. The search bar now contains 'Search item' and a 'Search' button. The main area displays a grid of product cards. The first row includes 'Panadol Baby & Infant Suspension' (15.5\$, quantity 2), 'Otrivin Baby Saline Spray' (12\$, quantity 1), 'Amoxil 500mg Capsules' (25\$, quantity 1), and 'Tobrex Ophthalmic Solution' (22\$, quantity 1). The second row shows 'Voltaren Emulgel' (45\$, quantity 1). Each card has an 'Add' button. On the right, the 'Current Order' section lists the added items: 'Panadol Baby & Infant Suspension' (31.00\$) and 'Amoxil 500mg Capsules' (25.00\$). The summary box at the bottom right shows 'Total: 56.00 EGP', 'Cash in: 100', 'Change: 44.00 EGP', and 'Check Out'/'Cancel' buttons.

Step 5: Generate and Print Invoice

- Review items and total price.
- Click **Check Out**.
- Invoice is saved and can be printed.

Hello, admin

Dashboard

Medicines

Admin

Invoices

Cashier

Logout

PharmacyMarts

Cashier Name: admin

Date: 31/12/2025 20:13

Id	Item Name	Quantity	Unit price	Total
1	Panadol Baby & Infant Suspension	4	15.50 EGP	62.00 EGP
2	Otrivin Baby Saline Spray	1	12.00 EGP	12.00 EGP
3	Amoxil 500mg Capsules	3	25.00 EGP	75.00 EGP
4	Tobrex Ophthalmic Solution	1	22.00 EGP	22.00 EGP
5	Voltaren Emulgel	2	45.00 EGP	90.00 EGP
Total				261.00 EGP

Step 6: View All Invoices which were done.

- Anytime you can check All the invoices and Sales with the ID.
- Click on Invoices.

Hello, admin

Dashboard

Medicines

Admin

Invoices

Cashier

Logout

Search user

Search

Id	Admin Name	Total	Date	Action
1	admin	62.00 EGP	31/12/2025 21:56	View
2	admin	261.00 EGP	31/12/2025 22:13	View
3	admin	270.00 EGP	31/12/2025 22:23	View
4	admin	180.00 EGP	31/12/2025 22:42	View
5	admin	12.00 EGP	31/12/2025 22:42	View
6	admin	117.00 EGP	01/01/2026 00:56	View
7	admin	169.50 EGP	01/01/2026 03:53	View
8	admin	225.00 EGP	01/01/2026 04:00	View
9	admin	25.00 EGP	01/01/2026 04:08	View
10	admin	270.00 EGP	01/01/2026 04:20	View
11	admin	37.00 EGP	01/01/2026 04:54	View
12	admin	22.00 EGP	01/01/2026 17:08	View

Step 7: Checking the Record of the people Whoever reached the System.

- Anytime you can check All the people Who Reached the system from the Employees.

The screenshot shows a web application interface for user management. On the left is a dark sidebar with navigation links: Dashboard, Medicines, Admin, Invoices, and Cashier, along with a Logout button. The main content area is titled 'User management' and features a search bar, an 'Add User' button, and a table of users. Below the table is a 'User logs' section with another table showing login activity.

User ID	Name	Role	Created at	Action
1	admin	super_admin	12/15/2025, 8:46:29 AM	<button>Edit</button> <button>Delete</button>
2	pola	super_admin	12/31/2025, 3:19:35 PM	<button>Edit</button> <button>Delete</button>
3	Ganna	super_admin	12/31/2025, 5:30:30 PM	<button>Edit</button> <button>Delete</button>
4	Mariam	cashier	12/31/2025, 5:59:01 PM	<button>Edit</button> <button>Delete</button>

User name	User ID	Action	Timestamp
admin	1	login	2026-01-01T15:19:24.7841639
admin	1	login	2026-01-01T15:08:30.823861
admin	1	login	2026-01-01T14:54:25.3156144

Step 8: If you receive some Medicines and you want to Add them on the system.

- By Clicking on the Medicine Section.
- Then you can click on Add Medicine.

The screenshot shows the 'Medicine' management section of the application. It includes a search bar, an 'Add Medicine' button, and a table listing various medicines with their barcodes, names, and quantities. Each row has 'Edit' and 'Delete' buttons.

Barcode	Medicine name	Quantity	Action
6221234567890	Panadol Baby & Infant Suspension	100	<button>Edit</button> <button>Delete</button>
6229876543210	Otrivin Baby Saline Spray	50	<button>Edit</button> <button>Delete</button>
6225554443332	Amoxil 500mg Capsules	200	<button>Edit</button> <button>Delete</button>
6223000456123	Tobrex Ophthalmic Solution	60	<button>Edit</button> <button>Delete</button>
7611136155512	Voltaren Emulgel	100	<button>Edit</button> <button>Delete</button>

Hello, admin

Dashboard

Medicines

Admin

Invoices

Cashier

Logout

127.0.0.1:5500/Medicine/index.html

Search us

Barcode

62212345

62298765

62255544

62230004

76111361

Medicine Name

Enter item name

Barcode

Enter barcode

Manufacturer

Enter manufacturer

Drug Type

Select drug type

Expiration Date

mm/dd/yyyy

Drug Image

Choose File No file chosen

Purchasing Price

Enter purchasing price

Selling Price

Enter selling price

Requires Prescription

Add Medicine

Action

EditDelete

EditDelete

EditDelete

EditDelete

EditDelete

Hello, admin

Dashboard

Medicines

Admin

Invoices

Cashier

Logout

127.0.0.1:5500/Medicine/index.html

Purchasing Price

Enter purchasing price

Selling Price

Enter selling price

Requires Prescription

Shelf Amount

Shelf amount

Stored Amount

Stored amount

Low Amount

Low amount

Sub Amount Quantity

Enter sub amount quantity

Description Before Use

How To Use

Side Effects

Cancel

Save Medicine

Add Medicine

Action

EditDelete

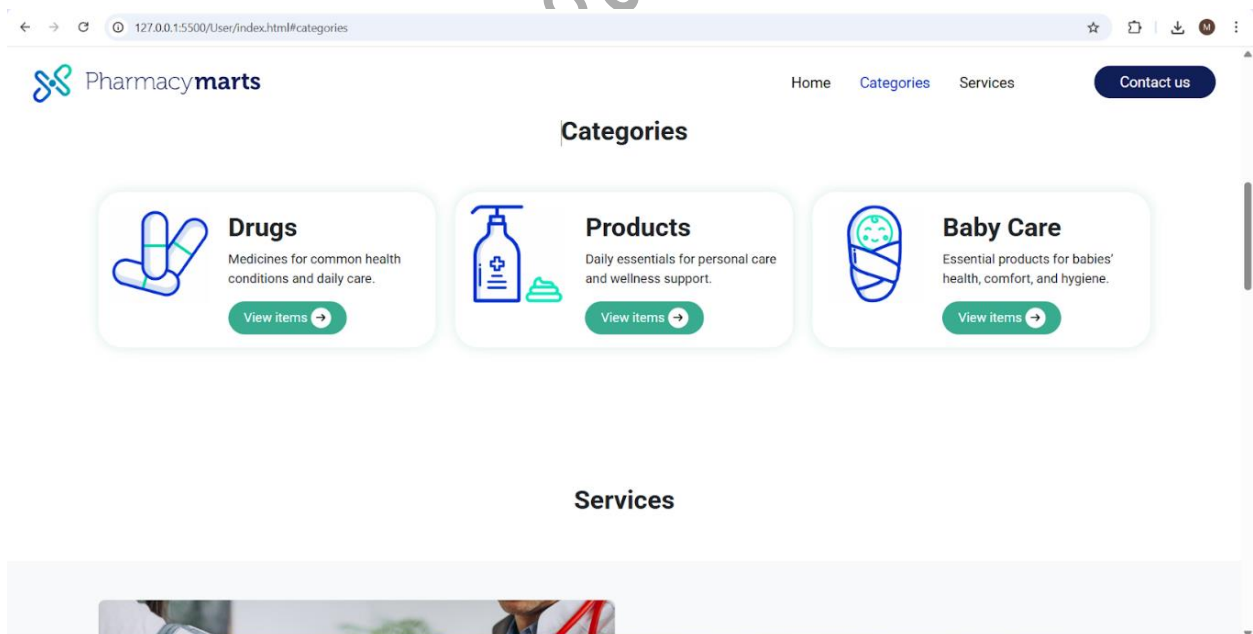
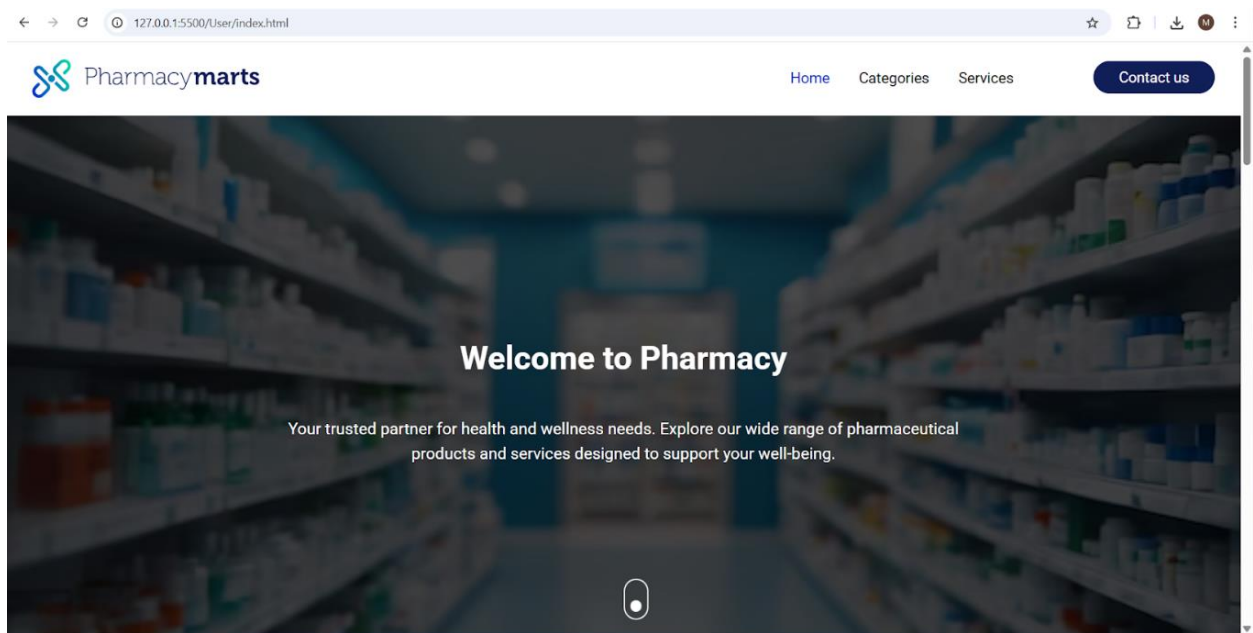
EditDelete

EditDelete

EditDelete

EditDelete


Additional Screens for the User Environment (Customer Side).






127.0.0.1:5500/User/drugsSec.html

Pharmacymarts

Home Categories Services Contact us


Drugs

Q Search


 Panadol Baby & Infant Suspension 15.5\$	 Amoxil 500mg Capsules 25\$	 Tobrex Ophthalmic Solution 22\$
---	--	---

1 2 3




127.0.0.1:5500/User/babySec.html

Pharmacymarts

Home Categories Services Contact us


Baby Care

Q Search

 Panadol Baby & Infant Suspension 15.5\$	 Otrivin Baby Saline Spray 12\$	 Tobrex Ophthalmic Solution 22\$
---	--	---

1 2 3



Panadol Baby & Infant Suspension

Shake well before use. Ensure the child is not allergic to Paracetamol.

How to use: Use the provided syringe to measure the dose based on the child's weight.

Side effects: Rare, but may include skin rash or swelling.

15.5\$

Services



Blood Pressure

Blood pressure (BP) is the pressure of circulating blood against the walls of blood vessels. Most of this pressure results from the heart pumping blood through the circulatory system. When used without qualification, the term "blood pressure" refers to the pressure in the large arteries.

127.0.0.1:5500/User/index.html#services


☆

Pharmacy

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HomeCategoriesServicesContact us

Services



Blood Pressure

Blood pressure (BP) is the pressure of circulating blood against the walls of blood vessels. Most of this pressure results from the heart pumping blood through the circulatory system. When used without qualification, the term "blood pressure" refers to the pressure in the large arteries.

127.0.0.1:5500/User/index.html#services

☆


Pharmacy


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HomeCategoriesServicesContact us

Weight Measurement


There is a weight and height measuring device in all CARE pharmacies with some analyzes of your body that will help you understand your needs





127.0.0.1:5500/User/index.html#services

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Pharmacymarts


HomeCategoriesServicesContact us


Contact Information


If you have any questions or need assistance, our pharmacy team is here to help. Feel free to reach out to us through phone, email, or visit us at our location. We are committed to providing reliable support and ensuring you receive the best care and service possible.

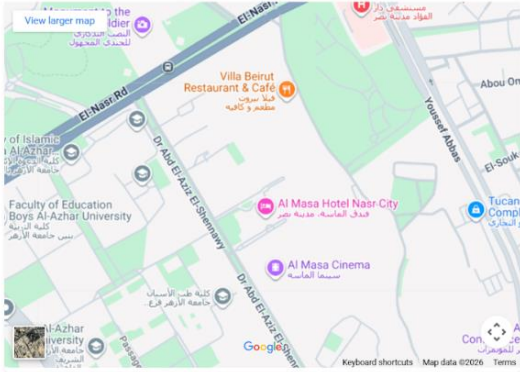
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